A

SURVEY of the yeer 1654.

OR, AN

ALMANACK

FOR

The yeare of CHRIST 1654.

And of the Worlds Creation,

5603.

Being the second after Leap-yeer.

Calculated and principally referre[d]
to the Meridian and Latitude of the
honourable City of *London*, and without
sensible errour may serve for any
part of *England*.

BODLEIAN LIBRARY OXFORD

Composed by

SETH PARTRIDGE

Surveyor,

Practitioner in the *Mathematicks*.

LONDON,

Printed by *Jane Bell* for the Company
of STATIONERS.

The Generall Notes Observable for this present yeare, 1654. according to both the English Account, and the beyond Sea Account.

	The *English* Accompt.		The bondy Accompt.	
The Dominicall Letter	A		D	
The Golden Number	2		2	
The Epact	22		12	
The Circle of the Sun	11		11	
The Roman indiction	7		7	
Septuagesima Sunday	February	5	February	15
Easter Day	March	26	April	9
Rogation Sunday	April	30	May	10
Ascention Day	Ascens. day	4	May	14
Whitsunday	May	14	May	24
Trinity Sunday	May	21	May	31
Advent Sunday	December	3	November	29
From Christs birth day to Septuag. Sunday is	6 Weeks,		7 Weeks 3 days	

The year of our Lord God, according to the computation of the Commonwealth of *England*, for the date of all Evidences, Records and Writings beginneth the 25. day of *March*. So that the 24. day of *March* is the last day of the yeare 1653. and the 25 day, is the first day of the year, 1654.

The bright shining Planet Venus, is an evening Star, shining and setting in the evening after the Sun, from the beginning of the year untill the 16. of April, from thence to the yeers end she is Oriental, rising and shining in the morning before the Sun.

Description of the 12 parts of mans body, as they are attributed to the 12 parts of the Zodiack, vulgarly called the

The names and Characters of the 12 Signes.

♈ *Aries* head and face, ♉ *Taurus* necke and throat, ♊ *Gemini* arms and shoulders, ♋ *Cancer*, Breast, and Stomack, ♌ *Leo* heart and back, ♍ *Virgo* bowels and belly, ♎ *Libra* loynes and reines, ♏ *Scorpio* secret members, ♐ *Sagitarius* thighs, ♑ *Capricorne* knees, ♒ *Aquarius* legs, ♓ *Pisces* the feet.

The names and Characters of the 7 Planets.

♄ *Saturne*, ♃ *Jupiter*, ♂ *Mars*, ☉ *Sun*, ♀ *Venus*, ☿ *Mercury*, ☽ *Moon*, *Node ascending* ☊ *Node descending* ☋

The names, Characters, and Signification of the 5 old aspects

☌ *Conjunction*, is when two planets are in one sign & degree.
✶ *Sextile*, is when they are two signs distant.
□ *Quartile*, is when they are three signs distant.
△ *Trine*, is when they are distant four signs.
☍ *Opposition*, is when they are distant six signs.

Of the year, and the divers beginnings thereof.

THe Aſtronomicall year is either Tropicall or Sidereall.
The Tropicall or natural year, is that ſpace of time wherein the Sun in his own proper motion, departing from either of the Tropicall or Equinoctial points, running his courſe through the whole Zodiack, returneth to the ſame point again.

This Tropicall year is either equall or unequall.

The equall or mean Tropical year, taketh its beginning at the vernal Equinoctial, and conſiſteth of 365 dayes, 5 hours, 49 minutes, 15 ſeconds, 46 thirds.

The unequall or true Tropical year, is at ſome times more then the mean, as 365 dayes, 5 hours, 56 minutes, 03 ſeconds, and one third, and at ſome times leſſe then the mean, as 365 dayes. 5 hours, 42 minutes, 38 ſeconds, 46 thirds; and this inequality is cauſed by the unequall proceſſion of the Equinoctial points.

The Sidereal or Starry year, is that ſpace of time in which the Sun departing from any of the fixed ſtars, and walking through the Zodiack, cometh to the ſame ſtar again; which ſpace of time alwaies containeth 365 dayes, 6 hours, 9 minutes,, 26 ſeconds, 43 thirds, 30 fourths; and it beginneth the 8 of April.

The Lunar year conſiſteth of 12 Moons, which makes 354 dayes, accompting 29 dayes 12 hours to a Moon, ſo that the Solar year exceeds the Lunar 11 dayes.

The Political year is divers. That which we uſe beginning the firſt of January, was inſtituted by *Julius Cæſar*, in the year of the world 3925. and 45 years before the birth of Chriſt.

Beyond the Seas, they begin their year the 12 day of our December; and the Church of *Rome* the 25 day, the Empire on the firſt of January, &c.

New Moon the 8 day 48 min. past 3 afternoon.
First Quarter the 15 day, 20 min. past 7 at night.
Full moon the 22 day, at 3 a clock afternoon.
Last quarter the 30 day, a little before 12 at noon.

A	New years day	Scor. 1	27	8	2	3	52	D	11
b	day 8 hours	Scor. 13	28	8	0	4	0		12
c	night 15 h. 56 m.	Scor. 25	29	7	58	4	2		13
d	♄ 25 d. 31 m ♌	Sagit. 7	30	7	57	4	3		14
e	☉ ☿ 18 aft.	Sagit 19	31	7	56	4	4		15
f	Twelf day	Capr. 1	27	7	55	4	5		16
g	☿ Orientall	Capr. 14	28	7	54	4	6		17
A	♃ 22 d. 31 ♒	Capr. 27	29	7	53	4	7	D	18
b	Sun in ♒	Aqu. 10	1	7	52	4	8		19
c	☌ ♃ D 6 aft.	Aqu. 23	2	7	50	4	10		20
d	☌ 23 d. 24 ♓	Pisc. 6		7	49	4	11		21
e	☿ 18 9 ♓	Pisc. 20		7	47	4	13		22
f	Hillary	Aries 4	5	7	49	4	14		23
g	day 8 h. 30 min.	Aries 17	6	7	45	4	15		24
A	night 15 h. 28 m.	♉ 1	7	7	44	4	16	D	25
b	☌ ♄ ♃ 10 aft.	Taur. 16	8	7	42	4	18		26
c	☉ 7 d. 56 ♒	Taur. 30	9	7	41	4	19		27
d	♄ 24 d. 21 ♌	Gem. 14	10	7	39	4	21		28
e	Wolston	Gem. 28	11	7	38	4	22		29
f	O.S. Hillar.	Canc. 13	12	7	36	4	24		30
g	♌ 5 d 22 ♓	Canc. 27	13	7	34	4	26		31
A	☌ ♄ D 23 h. aft.	Leo 10	14	7	32	4	28	D	Fe
b	Term begins	Leo 24	15	7	31	4	29		2
c	day 9 h.	Virg. 7	16	7	30	4	30		3
d	Paul converted	Virg. 20	17	7	28	4	32		4
e	night 14 h. 22 m.	Lib. 3	18	7	26	4	34		5
f	♃ 27 d. 0 ♒	Libr. 15	19	7	25	4	35		6
g	☌ ☌ ☿ 2 aft.	Libr. 27	20	7	23	4	37		7
A	☌ ☌ ☿ 2 aft.	Scor. 9	21	7	21	4	39	D	8
b	Quinden Hilar	Scor. 22	22	7	20	4	40		9
c	day 9 h. 24 m.	Sagit 3	23	7	18	4	42		10

February hath xxviii. dayes.

New Moon the 7 day, 20 min. past 6 in the morning.
First Quarter the 14 day, 41 min. after 2 in the morning.
Full Moon the 21 day, 31 min. after 6 the morning.
Last quarter the last day something after midnight.

1	b	☌ ☉ ♄ 2 aft.	Sagit. 15	24	7	17	4	43	11
2	c	Purif. Mary	Sagit. 2	25	7	16	4	44	12
3	d	Ch ist. purif.	Capr. 10	26	7	14	4	46	13
4	e	day 9 h 34	Capr. 22	27	7	13	4	47	14
5	f	Shrove mn.	Aqua. 5	28	7	11	4	49	☽ 15
6	g	Night 14 h. 20.	Aqu. 19	29	7	10	4	50	16
7	a	Shrove tuesday	Pisces 2	30	7	8	4	52	17
8	b	☌ ☉ ♃ 2 m.	Pisces 16	1	7	6	4	54	18
9	c	un in ♓	Aries 1	2	7	4	4	56	19
10	d	Odab. Purif.	Aries 14	3	7	2	4	58	20
11	e	♄ 22. 25 ♑	Aries 29	4	6	59	5	1	21
12	f	☽ 1 erig.	Taur. 13	5	6	58	5	2	☽ 22
13	g	Term ends	Tau. 27	6	6	56	5	4	23
14	a	Valentine	Gem. 11	7	6	55	5	5	24
15	b	♃ 1. 35 ♓	Gem. 25	8	6	54	5	6	25
16	c	☌ 10, 57 ♈	Canc. 9	9	6	53	5	7	26
17	d	□ ☌ ☽ 8 m.	Can. 23	10	6	51	5	9	27
18	e	☿ 25, 57 ♈	Leo. 6	11	6	49	5	11	28
19	f	☍ ♄ ☽ 4 a ♑	Leo. 20	12	6	46	5	14	☽ ♒
20	g	☌ ♃ ☽ 1 m.	Virg. 3	13	6	44	5	16	1
21	a	Moon Eclip	Vir. 16	14	6	42	5	18	3
22	b	☿ ☍, 51 ♒	Virg. 29	15	6	40	5	20	4
23	c	☉ 15, 15 ♓	Lib. 11	16	6	38	5	22	5
24	d	Matthias	Libr. 23	17	6	35	5	25	6
25	e	☌ ☌ ☽ 5 aft.	Scor. 5	18	6	32	5	28	7
26	f	♒ ♃ ☿ 11 m.	Scor. 17	19	6	30	5	30	☽ 8
27	g	da 11 h. 6.	Scor. 29	20	6	27	5	33	9
28	a	Night 12. h. 48.	Sagit. 11	21	6	24	5	36	10

March hath xxxi. daye.

New moon the 8 day, 18 min. past 6 at night.
First quarter the 15 day, 7 min. past 10 before noon.
Full Moon the 22 day, at 10 a clock at night.
Last quarter the last day, 46 min. aft. 1 in the morning.

1	D	David	Sagit. 23	22	6	23	5	37			11
2	E	day 11 h 20.	Capr. 5	23	6	20	5	40			12
3	F	night 12 h. 36	Capr. 17	24	6	18	5	41			13
4	G	☐ ♂ ☽ 3 aft.	Aqua. 0	25	6	16	5	44			14
5	A	♄ 20, 52 ♌	Aqu. 13	26	6	14	5	46	☽		15
6	B	☌ ♄ ☽ 2 m.	Aqu. 27	27	6	11	5	49			16
7	C	♂ ♃ ☽ 5 m	Pisc. 10	28	6	9	5	51			17
8	D	♃ 6. 31 ♓	Pisc. 24	29	6	7	5	53			18
9	E	♂ 5. 3 ♉	Aries 9	1	6	5	5	55			19
10	F	[illegible]	Aries 24	2	6	3	6	57			20
11	G	♂ ♂ ☽ 8 m.	Taur. 9	3	5	0	6	0			21
12	A	♀ 41, 15 ♉	Taur. 23	4	5	59	6	2	☽		22
13	B	☿ 1 d. 8 ♈	Gem. 8	5	5	57	6	8			23
14	C	☿ Occident	Gem. 22	6	5	56	6	4			24
15	D	♂ ☉ ♀ 11 mo.	Canc. 9	7	5	54	6	6			25
16	E	day 12 h 16	Canc. 20	8	5	52	6	8			26
17	F	night 11 h. 40	Leo 3	9	5	50	6	10			27
18	G	Edward ♂ ♄ ☽	Leo 16	10	5	48	6	12			28
19	A	[illegible] monday	Leo 29	11	5	46	6	14	☽		29
20	B	☌ ♃ ☽ 6 m.	Virg. 12	12	5	44	6	16			30
21	C	☉ 11. 1 ♈	Virg. 25	13	5	42	6	18			31
22	D	♂ ♂ ♀ 6 aft.	Libr. 7	14	5	40	6	20	Apri		
23	E	♄ 20. 2 ♌	Libr. 20	15	5	39	6	21			2
24	F	♃ 10. 9 ♓	Scorp. 2	16	5	37	6	23			3
25	G	Annunci. ma	Scor. 14	17	5	36	6	24			4
26	A	Easter day	Scor. 26	18	5	34	6	26	☽		5
27	B	Moon Apog.	Sagit. 8	19	5	32	6	28			6
28	C	♂ 18. 25 ♉	Sagit. 19	20	5	30	6	30			7
29	D	♀ 14. 24 ♉	Capr. 1	21	5	28	6	32			8
30	E	☿ 6. 46 ♉	Capr. 13	22	5	26	6	34			9
31	F	♌ 1. 43 ♓	Capr. 26	23	5	24	6	36			10

Aprill hath xxx. dayes.

New moon the 7 day 48. min. after 3 in the morning.
First Quarter the 13 day, at 7 at night.
Full Moon the 21 day, neer 2 afternoon.
Last Quarter the 29 day, 4 min. past 4 at night.

1	S	♂ ☉ ♄ 21 aft.	Aqu.	8	24	5	20	6	40	1
2	M	Low sunday	Aqu.	21	25	5	18	6	42	D 1
3	b	♂ ♅ ☽ 13 aft	Pisc.	5	26	5	16	6	44	1
4	c	♂ ☽ ♅ 1 mo.	Pisc.	18	27	5	14	6	46	8
5	d	♄ 19. 46 ♌	Aries	3	28	5	12	6	48	15
6	e	♅ 12. 54 ♓	Aries	17	29	5	10	6	50	16
7	f	♂ 25. 21 ♉	Taur.	2	30	5	7	6	53	17
8	g	♀ 11. 4 ♉	Taur.	17	1	5	4	6	56	18
9	A	♄ Station	Gem.	3	2	5	2	6	58	D 19
10	b	Sun in ♉	Gem.	18	3	5	0	7	0	20
11	c	♀ 22. 11 ♉	Canc.	2	4	4	20	7	2	21
12	d	Term begins	Canc.	16	5	4	58	7	3	22
13	e	□ ♀ ☽ 2 m.	Leo	8	6	4	57	7	5	23
14	f	♂ ♅ ☽ 12 aft.	Leo	13	7	4	55	7	7	24
15	g	☽ ♍	Leo	27	8	4	53	7	8	25
16	A	♂ ☉ ♀ ☌	Virg.	9	9	4	52	7	10	D 26
17	b	Tref. Pasch	Virg.	22	10	4	50	7	12	27
18	c	day 14, 28	Libr.	4	11	4	48	7	14	28
19	d	night 9. 28	Libr.	16	12	4	46	7	16	29
20	e	♂ ♀ ☽ 10 aft.	Libr.	28	13	4	44	7	18	30
21	f	☉ ☌ 14 ♉	Scor.	10	14	4	42	7	20	May
22	g	□ ♄ ☽ 7 m.	Scor.	22	15	4	40	7	21	2
23	A	St. George	Sagi.	4	16	4	38	7	23	D 3
24	b	Mens. Pasch.	Sagi.	16	17	4	37	7	25	4
25	c	Mark Evang.	Sagi.	28	18	4	35	7	27	5
26	d	♄ 19. 57 ♌	Capr.	10	19	4	33	7	29	6
27	e	♅ 15. 56 ♓	Capr.	23	20	4	31	7	31	7
28	f	day 15. 6	Aqua.	4	21	4	29	7	33	8
29	g	night 8. 46	Aqu.	17	22	4	27	7	35	9
30	A	Rogation sunday.	Aqu.	30	23	4	25	7	37	D 10

May hath xxxi. dayes.

New moon the 6 day, 3 quarters before noon.
First Quarter the 13 day, 38 min. after 4 morning.
Full Moon the 21 day, 20 min. past 5 morning.
Last Quarter the 29 day, neer 3 in the morning.

b	May day	Pisc. 13	24	4	22	7	38			11
c	♂ 12. 24 ♊	Pisc. 27	25	4	21	7	39			12
d	♀ 28. 35 ♈	Aries 11	26	4	20	7	40			13
e	Ascension day	Arie. 26	27	4	19	7	41			14
f	Craft. Ascen.	Tau. 11	28	4	17	7	43			15
g	☿ 18. 48 ♉	Tau. 26	29	4	15	7	45			16
	☌ ♂ ☽ 7 ast.	Gem. 11	1	4	13	7	47		☽	17
b	Term ends	Gem. 26	2	4	12	7	48			18
c	day 15. 38	Can. 11	3	4	11	7	49			19
d	night 8. 20	Can. 26	4	4	10	7	50			20
e	Sun in ♊	Leo. 10	5	4	9	7	51			21
f	♄ ☌ ☽ 8 m.	Leo. 23	6	4	7	7	52			22
g	☌ 29. 27 ♍	Virg. 6	7	4	6	7	54			23
	Whitsunday	Virg. 19	8	4	5	7	55		☽	24
b	♄ 20. 47 ☌	Libr. 1	9	4	3	7	57		☍	25
c	♅ 19. 52 ♓	Libr. 13	10	4	2	7	58			26
d	♂ 22. 26 ♊	Libr. 25	11	4	1	7	59			27
e	♀ ☍ 17 ♉	Scorp. 6	12	3	59	8	1			28
f	Moon Apog.	Scor. 19	13	3	58	8	2			29
g	☿ 17. 39 ♉	Sagit. 1	14	3	56	8	4			30
	Trinity sund.	Sagi. 13	15	3	55	8	5		☽	31
b	Craft. trin.	Sagi 25	16	3	54	8	6	Jun		
c	Trinity tuesday.	Capr. 7	17	3	53	8	7			2
d	♅ 20. 54 ♓	Cap. 19	18	3	53	8	7			3
e	Corp. Christ.	Aqu. 1	19	3	52	8	8			4
f	Term begin	Aqu. 14	20	3	52	8	8			5
g	♂ 29. 3 .	Aqu. 26	21	3	52	8	4			6
	☌ ♅ ☽ 22 ast.	Pisc. 9	22	3	51	8	9		☽	7
b	Octab. trin.	Pisc. 22	23	3	51	8	9		☌	8
c	day 16 h. 20	Aries 6	24	3	50	8	10			9
d	night 7. 40	Arie 20	52	3	50	8	10			10

June hath xxx. dayes.

New moon the 4 day, 42 min. past 7 at night.
First quarter the 11. day, 3 min. past 5 afore noon.
Full Moon the 19 day, 17 min. past 8 at night.
Last quarter the 27 day, at 11 in the forenoon.

1	e	♂ ♀ ☽ 5 aft.	Taur.	3	26	3	50	8	10	11
2	f	□ ♄ ☽ 4 aft.	Taur.	18	27	3	49	8	11	12
3	g	♄ 22. 21 ♌	Gem.	3	28	3	49	8	11	13
4	A	♆ 22 0 ♓	Gem.	18	29	3	49	8	11	☽ 14
5	b	utm. trin.	Canc.	3	1	3	48	8	12	15
6	c	♂ 5. 44 ♋	Canc.	18	2	3	48	8	12	16
7	d	☉ 26. 13 ♊	Leo	3	3	3	48	8	12	17
8	e	♂ ♄ ☽ 8 aft.	Leo	17	4	3	47	8	13	18
9	f	day 16 h 26.	Virg.	1	5	3	47	8	13	19
10	g	night 7 h. 34.	Virg.	14	6	3	47	8	13	20
11	A	Sun in ♋	Virg.	27	7	3	47	8	13	☽ 21
12	b	Tref. trin.	Libr.	10	8	3	47	8	13	22
13	c	♀ 16. 47 ♌	Libr.	22	9	3	47	8	13	23
14	d	Ember dayes	Scorp.	4	10	3	47	8	13	24
15	e	☿ 19. 24 ♊	Scor.	17	11	3	48	8	12	25
16	f	♌ 29, 15 ♒	Scor.	28	12	3	48	8	12	26
17	g	♄ 23. 36 ♌	Sagit.	9	13	3	48	8	12	27
18	A	♆ 22. 55 ♓	Sagit.	21	14	3	49	8	11	☽ 28
19	b	♂ 14. 12 ♋	Capr.	3	15	3	49	8	11	29
20	c	Silver a	Capr.	16	16	3	49	8	11	30
21	d	☉ 9. 32 ♋	Capr.	28	17	3	50	8	10	♃ 1
22	e	♀ 24. 45 ♌	Aqua.	10	18	3	50	8	10	2
23	f	♇ ♄ ☽ 1 aft.	Aqua.	23	19	3	51	8	9	3
24	g	John Baptift.	Pisc.	5	20	3	51	8	9	4
25	A	♂ ♆ ☽ 7 aft.	Pisc.	18	21	3	52	8	8	♈ 5
26	b	day 16 h. 16	Aries	1	22	3	53	8	8	6
27	c	night 7 h. 46	Aries	15	23	3	53	8	7	7
28	d	♂ ☉ ☿ 3 afc.	Arie.	29	24	3	54	8	6	8
29	e	Peter Apoſtle	Tau	13	25	3	55	8	5	9
30	f	♂ ♂ ☿ 16 aft.	Tau.	28	26	3	56	8	4	10

New Moon the 3 day. at 3 and 43 min. afternoon.
First Quarter the 11 day, at 7 and 43 min. morning.
Full Moon the 19 day, at 10 and 12 min. before noon.
Last Quarter the 26 day, at 5 afternoon.

g	♄ 25. 2 ♌	Gem. 13	27	3	57	8	3	11
a	♅ 23. 18 ♓	Gem. 28	28	3	57	8	3	☽ 12
b	♂ 23, 17 ♋	Canc. 13	29	3	58	8	2	13
c	☌ ♂ ☽ 4 m.	Canc. 27	1	3	59	8	1	14
d	☿ ☊. 20 ♍	Leo 12	2	4	0	8	0	15
e	☌ ♄ ☽ 1 m.	Leo 26	3	4	2	7	58	16
f	♀ 4. 56 ♌	Virg. 10	4	4	3	7	57	17
g	☍ ♅ ☽ o	Virg 23	5	4	5	7	55	18
a	♌ 25 ♎	Libr. 6	6	4	6	7	54	☽ 19
b	☌ ♂ ☉ 9 aft.	Libr. 18	7	4	8	7	52	20
c	day 15 hours 42	Scor. 1	8	4	9	7	51	21
d	Sun in ♌	Scor. 12	9	4	11	7	49	22
e	Margaret	Scor. 24	10	4	12	7	48	23
f	night 8 hours 26	Sagit. 6	11	4	13	7	47	24
g	...swithen	Sagit. 18	12	4	14	7	46	25
a	♄ 26, 45 ♌	Sagit. 30	13	4	15	7	45	☽ 26
b	♅ 22, 58 ♓	Capr. 12	14	4	16	7	44	27
c	♃ 2. 55 ♋	Capr. 24	15	4	17	7	43	28
d	Dog day begin	Aqua. 7	16	4	18	7	42	29
e	☌ ♄ ♀ 1 mo.	Aqu. 19	17	4	20	7	40	30
f	□ ♅ ♀ 7 mo.	Pisc. 2	18	4	21	7	39	31
g	☉ 9. 6 ♌	Pisc. 15	19	4	23	7	37	♈
a	♀ 26, 18 ♍	Pisc. 29	20	4	25	7	35	☽ 2
b	☿ 4. 23 ♏	Aries 12	21	4	27	7	33	3
c	James Apo	Aries 26	22	4	29	7	31	4
d	day 15 h. o	Taur. 10	23	4	30	7	30	5
e	night 9 h. o	Taur. 24	24	4	32	7	28	6
f	♄ 28. 12 ♌	Gem. 8	25	4	34	7	26	7
g	♅ 22, 14 ♓	Gem. 22	26	4	36	7	24	8
a	☌ ♂ 1. o ♌	Canc. 7	27	4	37	7	23	☽ 9
b	☉ 17. 44 ♌	Canc. 21	28	4	38	7	22	10

Auguſt hath xxxi. dayes.

New Moon the 2 day, 29 min. paſt 10 in the forenoon.
Firſt Quarter the 10 day, a little before 1 in the morning.
Full Moon the 17 day neer 11 a clock at night.
Laſt Quarter the 24 day, 21 min. paſt 10 at night.
New Moon the laſt day 41 min. paſt 10 at night.

1	c	Lammas day	Leo 6	2	4	39	7	21	♍	1
2	d	Sun Eclipſed	Leo 20	30	4	40	7	20		1
3	e	♄ ♄ ☽ 1 mo.	Virg. 4	1	4	43	7	17		1
4	f	♂ ♃ ☽ 5 aſt.	Virg. 17	2	4	44	7	16		1
5	g	☉ 22. 32 ♌	Libr. 1	3	4	46	7	14	☽	1
6	a	day 14 h. 24	Libr. 14	4	4	48	7	12	☽	1
7	b	night 9 h. 40.	Libr 26	5	4	50	7	10		1
8	c	♄ 29, 34 ♌	Scor. 8	6	4	51	7	8		1
9	d	♃ 21, 13 ♓	Scor. 2.	7	4	53	7	6		1
10	e	Lau ence	Sagit. 2	8	4	56	7	4		2
11	f	♂ 18. 14 ♌	Sagit 14	9	4	58	7	2		2
12	g	Sun in ♍	Sagit. 26	10	4	59	7	1		2
13	a	♂ ☉ ♄ 8 mo.	Capri. 8	11	5	1	6	59	☽	2
14	b	♀ 21, 2 ♋	Cap. 20	12	5	3	6	57		2
15	c	♀ 28, 37 ♍	Aqu. 2	13	5	5	6	55		2
16	d	♌ 25, 23 ♌	Aqu. 15	14	5	6	6	54		2
17	e	Moon Eclipſe	Aqu. 28	15	5	8	6	52		2
18	f	Helen.	Piſc. 11	16	5	10	6	50		2
19	g	♂ ♃ ☽ 2 mo.	Piſc. 25	17	5	12	6	48		2
20	a	day 13 h. 32	Aries 9	18	5	14	6	46	☽	3
21	b	night 10 h. 32	Aries 22	19	5	16	6	44		3
22	c	♄ 1. 20 ♍	Tau. 7	20	5	18	6	42	Sep.	
23	d	♃ 19. 33 ♓	Taur. 21	21	5	20	6	40		1
24	e	Bartholomew.	Gem. 5	22	5	22	6	38		3
25	f	♂ 27. 8 ♌	Gem. 19	23	5	24	6	36		4
26	g	☽ 12. 50 ♍	Canc. 3	24	5	26	6	34		5
27	a	Dog days end.	Canc. 17	25	5	28	6	32	☽	6
28	b	♂ 7. 22 ♌	Leo 1	26	5	30	6	30		7
29	c	♀ 27, 51 ♍	Leo 15	27	5	31	6	29		8
30	d	☿ ♂ ☽ 2 aſt.	Leo 29	28	5	33	6	27		9
31	e	♂ ♃ ☉ 15 aſt.	Virg. 12	29	5	35	6	25		10

September hath xxx. dayes

Laſt Quarter the 8 day, at 7 a clock at night.
New moon the 16 day, 23 min. paſt 10 before noone.
Firſt Quarter the 23 day, 29 min. paſt 6 in the morning.
New Moon the 29 day a quarter paſt 11 before noon.

f	Giles	Virg. 26	1	5	37	6	32		11
g	☌ ♄ ♂ 19 aſt.	Libr. 9	2	5	40	6	20		12
a	Gregory	Libr. 22	3	5	42	6	18	D	13
b	☌ ☉ ☿ 3 aſt.	Scorp. 4	4	5	44	6	16		14
c	☉ 23, 34 ♍	Scor. 10	5	5	45	6	15		15
d	♄ 3, 11 ♍	Scor. 28	6	5	47	6	13		16
e	♃ 17. 3 ♐	Sagit. 10	7	5	49	6	11		17
f	Nativity Mary	Sagit. 22	8	5	50	6	10		18
g	♂ 6. 39 ♍	Capr. 4	9	5	51	6	9		19
a	♀ 22, 51 ♎	Capr. 16	10	5	53	6	7	D	20
b	☿ with Lyo. heart	Capr. 28	11	5	55	6	5		21
c	☿ 15, 29 ♍	Aqu. 10	12	5	58	6	2		22
d	Sun in ♎	Aqu. 22	13	6	0	6	0		23
e	Holy-Rood	Piſc. 6	14	6	2	5	58		24
f	da. 11 h. 52	Piſc. 20	15	6	4	5	56		25
g	night 12 h. 12	Aries 4	16	6	6	5	54	D	26
a	Lambert	Aries 18	17	6	8	5	52		27
b	♄ 4. 36 ♍	Tau. 2	18	6	10	5	50		28
c	♃ 16. 3 ♐	Taur. 17	19	6	12	5	48		29
d	☌ ♄ ☿ 7 aſt.	Gem. 1	20	6	14	5	46		30
e	Mathew Apoſt.	Gem. 15	21	6	16	5	44		
f	☉ 9. 16 ♎	Gem. 29	22	6	18	5	42		2
g	☌ ♃ ♂ 1 aſt.	Canc. 13	23	6	20	5	40	D	3
a	♂ 16. 8 ♍	Canc. 28	24	6	22	5	38		4
b	☿ 11. 0 ♍	Leo 11	25	6	24	5	36		5
c	☿ 26. 58 ♍	Leo 25	26	6	26	5	34		6
d	day 11 h. 4.	Virg. 8	27	6	28	5	32		7
e	☌ ♃ ☿ 7 aſt.	Virg. 21	28	6	30	5	30		8
f	Michael Arch.	Libr. 4	29	6	32	5	28		9
g	night 13 h. 8	Libr. 17	1	6	34	5	26		10

October hath xxxi dayes.

First Quarter the 8 day, at 2 afternoon.
Full Moon the 15 day, 17 m. past 9 at night.
Last Quarter the 22 day, 3 quarters past noon.
New Moon the 30 day, 46 min. after 3 morning.

1	A	☉ 18. 10 ♎	Libr.	24	2	6	36	5	24	D
2	b	♄ 6. 10 ♍	Scor.	12	3	6	38	5	22	
3	c	♃ 14 35 ♓	Scor.	24	4	6	40	5	20	
4	d	□ ♄ ☽ at noon	Sagit.	6	♐ 5	6	42	5	18	
5	e	♉ ☌ ♀ 5 mo.	Sagit.	18	6	6	44	5	16	
6	f	♂ 23. 44 ♍	Sagit.	30	7	6	46	5	14	
7	g	☉ 24. 9 ♎	Capr.	12	8	6	48	5	12	
8	A	♀ 25, 57 ♍	Capr.	24	9	6	50	5	10	D
9	b	☿ 10. 7 ♎	Aqu.	6	10	6	52	5	8	
10	c	☽ with ♌	Aqu.	18	11	6	54	5	6	
11	d	♉ ♃ ☽ 22 aft.	Pisc.	1	12	6	56	5	4	
12	e	Sun in ♍	Pisc.	14	13	6	58	5	2	
13	f	day 10 h. 0	Pisc.	28	14	7	0	5	0	
14	g	ght 14 ho.	Aries	12	15	7	2	4	58	
15	A	♄ 7. 20 ♍	Aries	20	16	7	4	4	56	D
16	b	♃ 13. 41 ♓	Taur.	11	17	7	6	4	54	
17	c	♂ 1. 0 ♎	Tau.	26	18	7	8	4	52	
18	d	Luke Evang.	Gem.	11	19	7	10	4	50	
19	e	♂ ☉ ♀ 7 aft.	Gem.	26	20	7	12	4	48	
20	f	☉ 7. 9 ♍	Canc.	10	21	7	14	4	46	
21	g	[illegible] Michaelis	Canc.	24	22	7	15	4	45	
22	A	♀ 14, 16 ♎	Leo	8	23	7	17	4	43	DN
23	b	Tem. begin	Leo	22	24	7	19	4	41	
24	c	♂ ♄ ☽ 4 aft.	Virg.	5	25	7	20	4	40	
25	d	Crispin.	Virg.	18	26	7	22	4	38	
26	e	♂ ♂ ☽ 9 aft.	Libr.	1	27	7	24	4	36	
27	f	Mens Mich.	Libr.	14	28	7	26	4	34	
28	g	mon & Jude	Libr.	26	29	7	28	4	32	
29	A	☿ 21. 55 ♍	Scor.	8	30	7	30	4	30	D
30	b	day 8 h. 56.	Scor.	21	1	7	32	4	28	
31	c	n ght 14 h. 6	Sagi.	2	2	7	22	4	27	

November hath xxx. daye.

Firſt quarter the 7 day 31 min. after 8 in the morning.
Full Moon the 14 day, 33 min. after 7 in the morning.
Laſt Quarter the 20 day, about midnight.
New Moon the 28 day 27 min. after 10 at night.

1	D	All Saints	Sagit. 15	3	7	34	4	26	11
2	e	☉ 20. 14 ♏	Sagit. 27	4	7	36	4	24	12
3	f	Craſt. Anim.	Capr. 8	5	7	38	4	22	13
4	g	♄ 8. 47 ♍	Capr. 20	6	7	39	4	21	14
5	A	Powder Treaſon	Aqu. 2	7	7	40	4	20	D 15
6	b	Leonard	Aqu. 14	8	7	42	4	18	16
7	c	day 8 h. 36	Aqu. 27	9	7	43	4	17	17
8	d	night 15 h. 30	Piſc. 9	10	7	45	4	15	18
9	e	♃ 13, 30 ♐	Piſc. 22	11	7	46	4	14	19
10	f	♂ 15, 49 ♎	Aries 6	12	7	48	4	12	20
11	g	Martine	Aries 20	13	7	49	4	11	D 21
12	A	Sun in ♐	Taur. 4	14	7	50	4	10	22
13	b	Crait. Mart.	Taur. 19	15	7	52	4	8	23
14	c	□ ♄ D 13 h. aft.	Gem. 5	16	7	53	4	7	24
15	d	♄ 9. 36 ♍	Gem. 20	17	7	55	4	5	25
16	e	♃ 13, 49 ♓	Canc. 5	18	7	56	4	4	26
17	f	Hugh. Ini Eli.	Can. 20	19	7	57	4	3	27
18	g	♂ 20, 52	Leo 4	20	7	58	4	2	D 28
19	A	☉ 7. 29 ♐	Leo 18	21	8	59	4	1	29
20	b	Octab. Mart.	Virgo 2	22	8	0	4	0	30
21	c	□ ♄ ☉ 7 aſt.	Virg. 15	23	8	1	3	59	Dec.
22	d	♀ 23, 0 ♍	Virg. 28	24	8	2	3	58	2
23	e	♀ 29, 30 ♐	Libr. 11	25	8	3	3	57	3
24	f	♌ 20, 45 ♒	Libr. 23	26	8	4	3	56	4
25	g	Quin Mart.	Scor. 5	27	8	5	3	55	5
26	A	☉ 14. 37 ♐	Scor. 17	28	8	6	3	54	D 6
27	b	day 7 h. 48.	Scor. 30	29	8	6	3	54	7
28	c	Term ends	Sagit. 12	30	8	7	3	53	8
29	d	night 16 h. 16	Sagit. 23	1	8	8	3	52	9
30	e	Andrew Apoſt.	Capr. 5	2	8	9	3	51	10

December hath xxxi. dayes.

First Quarter the 6 day, neer midnight.
Ful Moon the 13 day. at 45 min. after 5 at night.
Last Quarter the 28 day 39 min. after 2 afternoon.
New Moon the 28 day, 12 min. after 6 at night.

1	f	☉ 19. 42 ♐	Capr. 17	3	8	10	3	50			11
2	g	♄ 10. 8 ♍	Capr. 29	4	8	11	3	49			12
3	a	Advent sunday	Aqu. 11	5	8	12	3	48		☽	13
4	b	Barbara	Aqu. 13	6	8	12	3	48			14
5	c	♃ 15. 31 ♓	Pisc. 6	7	8	13	3	47			15
6	d	Nicholas	Pisc. 18	8	8	13	3	47			16
7	e	♂ 2. 44 ♏	Aries 1	9	8	13	3	47			17
8	f	Concept Mary	Aries 15	10	8	13	3	47			18
9	g	☽ Stationary	Aries 29	11	8	13	3	47			19
10	a	day 7 h. 54	Tau. 13	12	8	13	3	47		☽	20
11	b	Sun in ♑	Tau. 28	13	8	13	3	47		♄	21
12	c	night 16 h 26	Gem. 13	14	8	13	3	47			22
13	d	☿ 19. 24 ♐	Gem. 28	15	8	13	3	47			23
14	e	☿ 14. 49 ♑	Canc. 13	16	8	13	3	47			24
15	f	♄ 10. 11 ♍	Canc. 28	17	8	13	3	47			25
16	g	□ ♂ ☽ ☿ mo.	Leo 13	18	8	13	3	47			26
17	a	♃ 17. 8 ♓	Leo 27	19	8	12	3	48		☽	27
18	b	♂ 9. 35 ♏	Virg. 11	20	8	12	3	48			28
19	c	♂ ♄ ☽ 9 mo.	Virg. 24	21	8	11	3	49			29
20	d	♂ ☉ ☿ 3 mo.	Libr. 7	22	8	10	3	50			30
21	e	Thomas Apost.	Libr. 20	23	8	9	3	51			31
22	f	☉ 11. 10 ♑	Scor. 2	24	8	8	3	52	1655		
23	g	♂ ♂ ☽ 7 mo.	Scor. 15	25	8	7	3	53			2
24	a	♂ ♀ ☿ 6 aft.	Leo 27	26	8	6	3	54		☽	3
25	b	Christ birth day	Sagit. 8	27	8	5	3	55			4
26	c	Stephen	Sagit. 20	28	8	4	3	56			5
27	d	John Evang.	Capr. 2	29	8	4	3	56			6
28	e	Innocents	Capr. 14	30	8	3	3	57			7
29	f	day 7 h. 54.	Capr. 26	1	8	3	3	57			8
30	g	night 16 h. 4	Aqu. 1	2	8	2	3	58			9
31	a	So ends the year.	Aqu. 21	3	8	2	3	58		☽	10

PARTRIDGE. 1654.

The ſecond part of this Almanack for the year 1654. and firſt of the four quarters of the year.

The year according to Aſtronomicall diſtribution is divided into four parts or quarters, namely, *Spring*, *Summer*, *Autumne* and *Winter*.

Spring.

WHile the *Sun* that glorious fountain of Light ſitteth ſtill in the middeſt of his Tabernacle which his maker made for him, giving Light to all darke bodyes: Our Terreſtiall Planet rouling round upon its foundation, from which it ſhall never be moved, commeth to the point oppoſite to the firſt point of *Aries*, beginneth the *Spring* Quarter on Friday the tenth day of *March*, at ſeven a clocke, fifty ſix minutes, and one and twenty ſeconds in the forenoone; According to the moſt Rationall *Hypotheſis* of that *Luminary* of *Aſtronomy*, and reſtorer of truth, our domeſtick *Tycho*. Behold the Calculation, and examine it if yee will, you that can.

Suns Meane Long. Collected		S.	D.	M.	Se.	S.	D.	M.	Se.
Yeares	1604	9	19	58	34	3	5	43	28
	40	0	0	17	57	0	0	41	5
	13	11	29	51	3	0	0	13	21
Mar. Co.ye.		1	28	9	11	0	0	0	10
Dayes	9	0	8	52	15	0	0	0	2
Houres	19	0	0	46	49				
Minutes	56	0	0	2	18	3	6	38	06
Seconds	21	0	0	0	1				
Meane Long.		11	27	58	8				
Aphel. Sub.		3	6	38	6				
Meane Anom.		8	21	20	21				
Equat. add.		0	2	1	52				

Totall is 00 00 00 00 Therefore the quarters Ingresse and beginning of the year, according to the Meane time as is above said.

	D.	H.	M.	Se.
And if from the meane time	10	7	56	21
The Equa. of dayes be Substra.	●	0	4	4
Then the true and Apparrant time will be found to be the.	10	7	52	17

Summer.

The *Summer* quarter beginneth when the Earth is come to the point opposit to the Tropicall point of *Cancer*, and that is the Tropicall point *Capricorne*; And this happeneth on Sunday the eleventh day of *June* at ten a clock, nine and fifty minutes, and eleven seconds in the forenoone.

Autumne.

Autume the third quarter of the year beginneth early in

in the morning, on Wednesday the the thirteeth day of *September* at one of the clock, fifty three minutes, and fifteene seconds in the morning, making day and night of equall length.

Winter.

Winter the last quarter of the year beginneth on Munday the eleventh day of *December* at one of the clock twenty five minutes, fourteen seconds afternoon. The *Sun* (as the use to say) at that moment of time, entring the first minute of *Capricorne*, beginning to ascend towards us againe, and this quarter continueth untill the ending of the year on Saturday the tenth day of *March* 1655, in the afternoone.

Of the Eclipses 1654.

This year 1654. produceth four Eclipses of our two great *Luminaries*, two of the *Sun*, and two of the *Moone*, whereof them two of the *Moone*, and the last of them of the *Sun* will appeare in our Horizon, the first of the *Sun* will be seene in parts far remote, and will be on the seventh day of our *February*, about six of the clock in the morning. This Eclipse though not seene of us in England, will be seene to them that Inhabit near the South Indian sea, as in *Maletur*, *Beach*, and the Islands adjacent, I wish such as will not beleeve our Calculations to goe to those places and see, and come and declared their knowledge; And I wish that such Seamen as travell in those parts would be pleased to make exact observation thereof, and impart to the World such their observations.

The second Eclipse.

The second Eclipse, but the first that will be seene to us is of the *Moone*, upon Tuesday the one and twenty

day of *February* in the Morning, and if the ayre be clear will be ſeen of us in England onely in part, and but in part, becauſe the *Moone* ſetteth during the time of this Eclipſe.

	H.	M.	Se.	
The beginning is at	5	5	50	In the Morning.
The middle at	6	14	18	
The true oppoſition	6	22	48	
The full end at	7	22	46	
The totall duration	2	15	56	

The part of the Moones body obſcured will be ſomething more then four parts of twelve of her body.

The third Eclipſe.

The third Eclipſe is of the *Sun*, and will be Conſpicuous to us in England, the ſecond day of *Auguſt* in the forenoone. A great Eclipſe it will be, for above ten parts of twelve of the *Suns* body will be covered with the *Moones* body.

	H.	M.	Se.	
It beginneth at	7	4	47	In the forenoon.
The Viſible Conjuction	8	55	14	
The middle at	8	56	24	
The end at	10	14	37	
The whole duration is	2	29	50	

The Latitude of the Moon at the { beginning *N. D.* 9. 9. ending *N. D.* 0. 10.

This Eclipſe, happeneth very near that interſection of the Moones defferent with the Ecliptick, called the Dragons tayle.

The fourth Eclipſe.

The fourth and laſt Eclipſe is of the Moone upon the ſeventeenth day of Auguſt in the eyening, near to the Dragons head, it will be but a ſmal Eclipſe, only about two parts and an halfe of twelve of the Moones Body will

will be within the ſhaddow of the Earth, and the whole duration one houre 49. minutes, 52. ſeconds.

	H.	M.	Se.	
It begins at	9	42	26	
The middle is at	10	37	22	In the
The true oppoſition at	10	46	21	evening.
The end is at	11	32	18	

To finde when the Sun will be Eclipſed.

Becauſe the Sun is not Eclipſed but at the time of his Conjunction with the Moone, and not at every Conjunction neither, but onely when the Conjunction happeneth near to one of the Nodes, and the Moone hath but little Latitude or none, therefore I care not greatly if I here ſet down the rule to finde it, becauſe ſome wonder what rule is for it, And the Rule is this.

If the middle motion of the Moones Latitude at the time of the middle Conjunction, be diſtant from the North Node leſſe then 20 deg 40 minutes. Or from the South Node leſſe then 11 deg. 22 minuts, the ſun may be Eclipſed.

Example.

At the middle time of the Conjunction of the *Luminaries*, which this year is on the ſecond day of Auguſt afore ſpoken of. The middle motion of the Moones Latitude is five Sig. 26 deg. 20 min. 30 ſeconds, and therefore diſtant from the Node, three deg. 39 min. 30 ſeconds, whereby I finde the Sun will be Eclipſed, but to know how much we muſt ſeek further.

A brief Chronology of divers memorable things since the birth of *Christ*, shewing in what yeer they happened, and how long it is since, to this yeer 1653

	yeers of Christ.	yeers since.
CHrist *was Borne*	C	1654
Christ *suffered death upon the Crosse*	33	1621
Paul *converted, and* Stephen *stoned*	34	1620
Agrippa *eaten up of wormes*	45	1609
Saint John *writ his Gospell*	57	1597
Rome *was burnt by command of* Nero	61	1593
Joseph *of Arimathiæ came into England*	63	1591
Jerusalem *destroyed by* Titus	70	1584
John *writ his Revelation in* Pathmos	95	1579
England *first received the Christian faith*	177	1477
Scotland *first received the Christian faith*	203	1451
Constantine *the first Christian* Emperour	324	1330
The first generall Counsell	325	1329
The Tower of London *built*	569	1085
Clocks *and Dials first set up in Churches*	606	1048
Cambridge *was made a Vniversitie*	635	1019
England *first divided into Parishes*	636	1018
Ebrichus *made* England *first a Monarchy*	802	852
The Dains *first came into* England	1018	636
Westminster *hall built*	1100	554
The Conquest of England *by Duke* William	1066	588
Jerusalem *taken by the* Turkes	1010	644
Godfry *of* Bolken *taks it from them*	1099	555
Pauls *Church in* London *built*	1086	568
The Bible *first divided into Chapters*	1195	459
London *Bridge built with stone*	1209	445
The first Mayor of London	1190	464
The Order of the Garter instituted	1344	310
A Frost from mid September *till* Aprill	1364	290
Guns *were invented*	1380	274
Printing *was invented*	1440	214
Martin Luther *first opposed the* Pope	1517	137

King

King Henry 8 *conquers* Bulloign	1544	110
The Regiſter Bookes began in every Pariſh	1538	116
A contagious ſweating ſickneſſe	1551	103
Coaches *firſt uſed in* England	1555	99
Pauls Steeple *firſt fired by Lightning*	1562	92
The Royal Exchange in London *built*	1565	89
The Plague at New-haven	1563	91
The Rebellion in the North	1569	85
The Maſſacre of Proteſtants at Paris	1572	82
A great Blazing Starre	1577	77
A great Snow fell February *the* 4	1578	76
The generall Earth-quake in England	1580	74
The Calender Reformed beyond the ſeas	1582	72
Tylbury *Campe on Saint* James *day*	1588	66
A voyage to Cadiz	1569	57
A Plague in L[illegible]n *whereof died* 30578	1603	51
The Gunpowder Treaſon, November 5.	1605	49
The Plantation in Virginia *began*	1606	48
The laſt great froſt	1607	47
The New Exchange built	1612	42
The laſt great Snow, and Smithfield *paved*	1615	39
Suttons *hoſpitall formed*	1614	40
The laſt great blazing Starre	1618	35
The downefall in Blackfryers	1632	32
A plague in London *whereof died* 35418.	1625	28
The voyage to the Ile of Rea	1627	27
The Plantation b[illegible]n New-England	1630	24
The great fire on [illegible] *Bridge*, Feb. 11.	1632	22
A great Plague in [illegible]bridge	1630	44
Pauls *Church began to be Repaired*	1634	20
Thomas Par[illegible] *died being aged* 152. *yeers*	1635	19
The fight at Edge-hill, October 23.	1642	12
The fight at Naſeby, June 14.	1645	9
A generall Earth-quake at and about Moncaſter *in* Cumberland November 5.	1648	6
The generall Rout at Worceſter, *Sept*, 3.	1651	3

A Tide-Table, ſhewing what Moon makes a full Sea, in and cipall Havens,

The Names of the Places.	point of compaſſe.
1. Southampton, Quinborow, Portſmouth, Iſle of Wight, Bechy, the Spiis, Kenti.	*S. and N*
2. Knock Rocheſter, Maldon, Aberd. Redban, Blacktaile weſtend of the Nowre.	*S. by W.*
3. Graveſ-end, Downes, Rumney, Tenet, Silly, Halfe-tide, Blackneſſe, Ramkins.	*S. S. W.*
4. Dunde, St. Andrewes, Lysborne, St. Lucas, Bell Iſle, Holy Iſle.	*S. W by S.*
5. London, Tynmouth, Hartlepool, White-Bay, Amſterdam, Gaſcoign, Britain, Galiza.	*S. W.*
6. Barwick, Flamborough-head, Bridlington-bay, Oſtend, Fluſhing, Burdeaux, Fountneſſe.	*S. W. by W*
7 Scarborow quart-tide, Lawrenas, M[illegible]risbay, Severn, Calice, Kingſaile, Dunga[illegible].	*W. S. W*
8 Falmouth, Foy, Humber, Mooneles, Newcaſtle Dartmouth, Torbay, Garnſey, Caldy, St. Mallowes.	*W. by S.*
9. Plymouth, Way-mouth, Hull, Lin, Lundy, Antwarp, Holmes of Briſtol, Davids-head, Concalo.	*E. and W*
10. Briſtol, Foulnes, at the Start.	*W. by N.*
11 Milford, Bridgewater, Exwater, Landſend, Waterford, Cap-cleere, Abermorick.	*E. S. E.*
12. Portland, Peeterport, Harſtew[illegible] Hague, Dublin, Lambay, Saint, Magnes-[illegible]lack nels Caſtle-	*S. E. by E.*
13 Pool, St. Hellen, Manlſle, Carnes, Orkney Dunbar, Diepe a halfe tide, Faire Iſle, Baſſe Iſland, the Casquers, Kildiene	*S. E.*
14. Needles, Oxford, Layſto, South & North fore lands.	*S. E. by S.*
15 Yarmouth, Dover, Harwich, the Frith, Bullin, Saint John de Luce, Calice Road.	*S. S W.*
16. Rye. Winchelſey, Gorend, Thames, Rhodes, Faire Iſle.	*S. by E.*

and at what houre and minute, in most of the prin-
neere about England.

the ☽ age	incr. decr.	1 16	2 17	3 18		5 20	6 21	7 22	8 23	9 24	10 25	11 26	12 27	13 28	14 29	15 30
1	hou.	12	1	2	3	4	4	5	6	7	8	8	9	10	11	1
	min.	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0
2	hou.	1	2	3	3	4	5	6	7	7	8	9	10	11	11	12
	min.	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
3	hou.	2	3	3	4	5	6	7	7	8	9	10	11	11	12	1
	min.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
4	hou.	3	3	4	5	6	7	7	8	9	10	11	11	12	1	2
	min	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15
5	hou.	3	4	5	6	7	7	8	9	10	11	11	12	1	2	3
	min.	48	6	24	12	0	48	36	24	12	0	48	36	24	12	0
6	hou.	4	5	6	6	7	8	9	10	10	11	12	1	2	2	3
	min	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
7	hou	5	6	6	7	8	9	10	10	11	12	1	2	2	3	4
	min.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
8	hou.	6	6	7	8	[illegible]	10	10	11	12	1	2	2	3	4	5
	min.	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15
9	hou.	6	7	8	9	10	10	11	12	1	2	2	3	4	5	6
	min.	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0
10	hou.	7	8	9	9	10	11	12	1	1	2	3	4	5	5	6
	min.	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
11	hou	8	9	9	10	11	12	1	1	2	3	4	5	5	6	7
	min.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
12	hou.	9	9	10	11	12	1	1	2	3	4	5	5	6	7	8
	min.	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15
13	hou.	9	10	11	12	1	1	2	3	4	5	5	9	7	8	9
	min.	48	36	24	12	0	18	36	24	12	0	48	36	24	12	0
14	hou.	10	11	12	12	1	2	3	4	4	5	6	7	8	8	9
	min.	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
15	hou.	11	12	12	1	2	3	4	4	5	6	7	8	8	9	10
	min.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
16	hou	12	12	1	2	3	4	4	5	6	7	8	8	9	10	11
	min	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15

The Vſe of the Tide Tables aforegoing.

IN the firſt of theſe two Tables are ſet down the names of ſeverall of the principall Havens and Ports in & about *England*, & at the right hand of the Table after the names of the places is ſet the point of the Compaſſe (repreſented by letters) which the *Moon* is upon when it is full ſea at thoſe places, and at the beginning of the lines on the left hand of the Table are ſet numbers from 1. to 16. which may be called the *Index* of the places in thoſe lines named. And in the other Table on the head thereof is ſet down in two lines the *Moones* age, and on the left hand of the Table are firſt ſet the 16. *Index* numbers of the former Table: Againſt theſe *Index* numbers are two lines of numbers, the uppermoſt line of which lines are hours, and the lowermoſt minutes: the joynt uſe of thoſe two Tables is thus by example:

The 6. day of *January* this yeer 1653, I would know the time of full ſea at *London*; firſt I note in the calender that the *Moon* is that day 27. dayes old, next I loook in the firſt Table for *London*, & there I finde its *Index* number to be 5, & at the other end of the line, I find that a *Southweſt Moon* makes a ful ſea ther, then I come to this latter Table, & there I look the *Moons* age 27 in the head or upper lines of the table, & 5. the *Index* number on the left hide, and in the common meeting, of 27 and 5 I find 4.h.36.m. therefore at 36. m. paſt 4. a clock it is full ſea at *London* the 6. of *Ian.* 1654. And at the ſame time it is full ſea at *Yinmouth*, *Hartlepole*, and the reſt of the places, in thoſe lines belonging to the *Index* number 5. Alſo the Table ſheweth that the ſame 6. day of *Ian.* it is full ſea at *Dublin* by a *South eaſt* by eaſt *Moon*, at 51.m. paſt 9 a clock, and ſo of any other places. But the Tides do not fall out alwayes exactly at the time in the Table ſet downe, for many times by reaſon of great winds, land-floods, but eſpecially by reaſon of the *Moons* latitude, the Tide doth ſometime differ ſomewhat from the time herein ſhewed: which no man can rectifie by any Art or means.

The

The Proportion of the Weights of ſeven ſeverall Mettals all equall in Diæmiter or Magnitude.

	Ounces.	D.	Gr.	M.	
1 Gold,	12	0	0	0	☉
2 Quickſilver,	8	11	10	10	☿
3 Lead,	7	7	16	3	♄
4 Silver,	6	10	12	7	☽
5 Copper,	5	13	16	11	♂
6 Iron,	5	1	1	0	♀
7 Tin.	4	11	11	13	♃

If you take ſeven ſeverall bals or bullets, or any bodies either round or ſquare, as being caſt all in one mold, of the ſame Mettals afore expreſt, and weigh themſeverally in a juſt ballance, and their ſeverall weights will be as in this Table is ſet forth, ſuppoſing the firſt of Gold to be juſt one pound of Troy weight, of 12 ounces in the pound.

The Diviſion of England, *and the Adjacent* Iſlands.

The greateſt length of *England* under one Meridian from South to North is 386. miles. The broadeſt place from the Lands end to *Sandwich* is 279. miles. The whole compaſſe 1532. miles.

The length of *Ireland* North and South is 303. miles, The greateſt breadth Eaſt and Weſt is 113 miles, The whole compaſſe 948. miles.

The length of *Scotland* South and North is 480. mil. And the breadth Eaſt and Weſt is 165. miles, And the whole compaſſe is 1100. miles, in the Account of the compaſſe of each land, rejected ſome Indrafts and little Iſlands, near the maine Land.

A Perfect Table of Intrest of money from one of six in the hundred, by the yeer, from

	I. Moneths			II. Moneths			III. Moneths			IIII. Moneths			V. Moneths			VI. Moneth		
Shilin.	S.	p.	F.	S.	p.	F.	S.	p.	F.	S.	p.	F.	S.	p.	F.	S.	p.	F.
1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1
2	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0	2
3	0	0	0	0	0	1	0	0	2	0	0	2	0	0	3	0	1	0
4	0	0	1	0	0	1	0	0	3	0	1	0	0	1	0	0	1	2
5	0	0	1	0	0	2	0	0	3	0	1	0	0	1	1	0	1	3
6	0	0	1	0	0	2	0	1	0	0	1	1	0	1	2	0	1	3
7	0	0	1	0	0	2	0	1	0	0	1	2	0	1	3	0	2	1
8	0	0	2	0	0	3	0	1	1	0	1	3	0	2	0	0	2	3
9	0	0	2	0	1	0	0	1	2	0	2	0	0	2	1	0	3	1
1	0	0	2	0	1	0	0	1	3	0	2	1	0	2	3	0	3	2
Ponds	S.	p.	F.	S.	p.	F.	S.	p.	F.	S.	p.	F.	S.	p.	F.	S.	p.	F.
1	0	1	0	0	2	1	0	3	2	0	4	2	0	5	2	0	7	0
2	0	2	1	0	4	2	0	7	0	0	9	1	0	11	2	1	2	1
3	0	3	2	0	7	0	0	10	2	1	2	1	1	5	2	1	9	1
4	0	4	3	0	9	2	1	2	1	1	7	0	1	11	3	2	4	2
5	0	6	0	1	0	0	1	6	0	2	0	0	2	6	0	3	0	0
6	0	7	0	1	2	0	1	9	2	2	4	2	2	11	1	3	7	0
7	0	8	1	1	4	1	2	1	0	2	9	1	3	5	1	4	2	1
8	0	9	2	1	7	0	2	4	2	3	2	0	3	11	2	4	9	1
9		10	3	1	9	2	2	8	1	3	7	0	4	5	3	5	4	2
Yea of Pounds	li.	sh.	p.	li.	sh.	p.	li.	sh.	p.	li.	sh.	p.	li.	sh.	d.	li.	sh.	p.
10	0	1	0	0	2	0	0	3	0	0	4	0	0	5	0	0	6	0
20	0	2	0	0	4	0	0	6	0	0	8	0	0	10	0	0	12	0
30	0	3	0	0	6	0	0	9	0	0	12	0	0	15	0	0	18	0
40	0	4	0	0	8	0	0	12	0	0	16	0	1	0	0	1	4	0
50	0	5	0	0	10	0	0	15	0	1	0	0	1	5	0	1	10	0
60	0	6	0	0	12	0	0	18	0	1	4	0	1	10	0	1	16	0
70	0	7	0	0	14	0	1	1	0	1	8	0	1	15	0	2	2	0
80	0	9	0	0	16	0	1	4	0	1	12	0	2	0	0	2	8	0
90	0		0	0	18	0	1	7	0	1	16	0	2	5	0	2	14	0
100	0	10	0	1	0	0	1	10	0	2	0	0	2	10	0	3	0	0

shilling to an hundred pounds, after the rate moneth to moneth, for any time under a yeer.

Shil.	VII. Moneths S. P. F.	VIII. Moneths S. P. F.	IX. Moneths S. P. F.	X. Moneths S. P. F.	XI. Moneths S. P. F.	XI. Moneths S. p. F.
1	00 1	0 0 1	0 0 2	0 0 2	0 0 2	0 0 2
2	0 0 2	0 1 0	0 1 0	0 1 0	0 1 0	0 1 1
3	0 1 0	0 1 1	0 1 2	0 1 2	0 1 3	0 2 0
4	0 1 3	0 2 0	0 2 0	0 2 0	0 2 2	0 2 3
5	0 2 0	0 2 1	0 2 2	0 2 2	0 3 0	0 3 2
6	0 2 1	0 2 2	0 2 3	0 3 0	0 3 1	0 4 1
7	0 2 2	0 3 0	0 3 1	0 3 2	0 4 0	0 5 0
8	0 3 0	0 3 2	0 3 0	0 4 0	0 4 3	0 5 1
9	0 3 2	0 4 0	0 4 3	0 4 3	0 5 2	0 6 1
10	0 4 0	0 4 2	0 4 0	0 5 3	0 6 2	0 7 0
Pound	S. p. F.	S. p. F.	S. p. F.	S. p. F.	S. p. F.	S. p. F.
1	0 8 0	0 9 0	0 10 2	0 11 2	1 0 2	1 2 1
2	1 4 2	1 6 2	1 9 1	1 11 3	2 1 3	2 4 2
3	2 0 3	2 4 0	2 7 3	2 11 1	3 2 3	3 6 3
4	2 9 1	3 2 0	3 6 3	3 11 2	4 4 1	4 9 0
5	3 6 0	4 0 0	4 6 0	5 0 0	5 6 0	6 0 0
6	4 2 0	4 9 0	5 4 2	5 11 2	6 6 1	7 2 1
7	4 10 2	5 6 2	6 3 1	6 11 2	7 7 2	8 4 2
8	5 6 3	6 4 0	7 1 3	7 11 1	8 8 3	9 6 3
9	6 8 0	7 2 0	8 5 2	8 11 2	9 10 1	10 9 0
Ten of Pound.	li. sh. p.	li. sh. p.	li. sh. p.	li. sh. p.	li. sh. p.	li. sh. p.
10	0 7 0	0 8 0	0 9 0	0 10 0	0 21 0	0 12 0
20	0 14 0	0 16 0	0 18 0	1 0 0	1 1 0	1 4 0
30	1 1 0	1 4 0	1 7 0	1 10 0	1 13 0	1 16 0
40	1 8 0	1 10 0	1 16 0	2 0 0	2 4 0	2 8 0
50	1 15 0	2 8 0	2 5 0	2 10 0	2 15 0	3 0 0
60	2 2 0	2 8 0	2 14 0	3 0 0	3 6 0	3 12 0
70	2 9 0	2 16 0	3 3 0	3 10 0	3 17 0	4 4 0
80	2 16 0	3 4 0	3 12 0	4 0 0	4 8 0	4 16 0
90	3 3 0	3 12 0	4 1 0	4 10 0	4 19 0	5 8 0
100	3 10 0	4 0 0	4 10 0	5 0 0	5 10 0	6 0 0

The Vſe of this Table of Intereſt aforegoing.

IF you would know what Intereſt is due upon any ſum of money, for a yeer, or any time under, after the rate af 6. in the 100 do thus: Seek the money principall on the left ſide the Table, and the time on the head, and then in the common angle, or place of meeting, is the ſum of the Intereſt due upon that principall for the time given, in pounds, ſhillings, pence and farthings.

Note, that in the firſt and ſecond parts of the Table, of ſhillings and ſingle pounds, the firſt figures in each columne are ſhillings, the ſecond pence, and the third farthings: In the third part of the Table of tens of pounds, the firſt figure next the left hand ſtands for pounds, the the middlemoſt for ſhillings, and the laſt for pence.

Thus the Intereſt leven pounds for five months is two ſhillings and eleven pence farthing; and the intereſt of ſeventy pounds for five moneths is one pound fifteene ſhillings.

And in like manner, the intereſt of 38. li. and ſixteen ſhillings for eleven moneths is thus collected; firſt, the intereſt of 30. li. for eleven moneths is 1. l. 13 s. the intereſt of 8 li. for eleven moneths is 8. s. 8 p. 3. f. the intereſt of 10. s. for eleven moneths is 6. p. 2. f. and laſtly, the intereſt of 6. s. for eleven moneths is 3 p. 1. f. all which ſums being added together, make juſt 2. li. 2. s. 6. p. 2. f. as here in the margin appeareth. likewiſe the intereſt of 326. li. for foure moneths is ſix pound, ten ſhillings, foure pence half penny.

1	13	0	0
0	8	8	3
0	0	6	2
0	0	3	1
2	2	6	2

And ſo for any other ſumme, and for any other time.

A Table

A Table, shewing the quantity of the Moons shining, and time of her coming South, whereby may be had the hour of the Night.

The ☽ age for her shining.	The ☽ shining and Southing.	The ☽ age for her Southing.
H. M.	H. M.	H. M.
1 29	12 48	1 16
2 28	1 36	2 17
3 27	2 24	3 18
4 26	3 12	4 19
5 25	4 0	5 20
6 24	4 48	6 21
7 23	5 36	7 22
8 22	6 24	8 23
9 21	7 12	9 24
10 20	8 0	10 25
11 19	8 48	11 26
12 18	9 36	12 27
13 17	10 24	13 28
14 16	11 12	14 29
15 15	12 0	15 30

The Use of this Table to finde the Moons shining and Southing.

Looke the Moones age in the first column on the left hand, and against it in the middle column is the quantity or time of her shining: as when the *Moon* is 7. dayes old, or 23 dayes old, the middle column sheweth that shee shineth 5. hours 36. min.

But to finde the time of the *Moons* comming *south*, looke her age in the third culumne, and in the middle against her age, is the time of her Southing; & this you shal find that when the *Moon* is 7. dayes old, or 22. dayes old, shee cometh to *south* at 6. a clock and 24. mi.

To know what a clocke it is by the Moone.

LOok upon any *Sun-dyall*, and see what a clock it is by the shaddow of the *Moon*, as if it were the *Sun*, observing onely how much it wanteth of 12. or is past 12, for so much it wanteth, or is past the houre and min. of the *moons* coming south

The *Moons* age for every day in the yeer is had in the fifth column of the Almanack, andher age had, this Table giveth the time of her southing.

For

For Example.

Upon a night I looked upon a *Sun-dyall*. and ſaw the *Moone* caſt a ſhaddow on the houre line of ten, which wanteth two houres of twelve; I then looked in the ſaid fift collumne of the Almanack, and found the *Moones* age for that ſame day to be nine dayes, and the Table ſheweth her comming to South to be at ſeven a clock and twelve minutes paſt, Now becauſe her ſhaddow wanteth two houres of twelve, therefore the time of night wanteth two houres of the time of the *Moones* comming South; whereupon, I take two hours from ſeven houres twelve minutes, and there reſteth five houres twelve minutes, for the time of the night.

If the ſhaddow of the *Moone* had bin paſt twelve as upon two a clock, then the two houres muſt have been added to ſeven houres twelve minutes, and ſo it would have given nine a clock and twelve minutes, for the time of the night.

Another way.

The houre of the *Moones* riſing being knowne or obſerved, marke it on a Sun-dyall; the houre, and minutes of the *Moones* ſhaddow from that marke forwards all the night after, are to be added to the time of her riſing, and ſo is had the time of the night, if the ſame ſum be more then twelve, then that above twelve ſheweth the time of the night.

If the *Moone* at her riſing cannot be ſeene to caſt a ſhaddow, then by the *Suns* riſing in that very ſigne and degree ſhe is in, you may perceive what houre and minute (very near) ſhe would ſhew at her riſing, where make ſome marke, and from thence make the account as before.

Another way is thus, When the *Moone* is at the full, look what houre her ſhaddow ſheweth on the Sun-dyall, that is the houre of the night, when ſhe is paſt the full,

then

then for every 28. houres that ſhe is ſo paſt her full, you muſt adde one houre to the houre you finde on the Sun-dyall. But before the full, for every 28. houres that ſhe wanteth of her full, take one houre from the time that you finde on the Sun-dyall, and ſo is had the houre of the night.

To finde the time of the Moones *Riſing and Setting.*

For the time that the *Moone* is in her increaſe, untill ſhe be at the full, adde the quantity of her ſhining (found by the former little Table) to the time of the *Suns* riſing, the ſumme of that addition is the time of the *Moones* riſing, and adde the ſame quantity of time of her ſhining, to the time of the *Suns* ſetting, and the ſum of that addition is the time of the *Moones* letting.

But after the full *Moone* worke contrary, that is, ſubſtract the time of the *Moones* ſhining, (found by the aforeſaid little table for the time propoſed) from the time of the Suns riſing, the remainder is the time of the Moones riſing, and for her ſetting, ſubſtract the time of her ſhining from the time of Sun-ſetting, the remainder is the time of the Moones ſetting, if at any time ſubſtraction cannot be made, then borrow twelve and worke as before.

To compute the time of the Moones Shining.

All the time of her increaſe multiply her age by foure, and in her decreaſe, ſee what her age wanteth of thirty, the which multiply by foure, the product divide by five, the quotient giveth the houres of her ſhining, and the remainder multiplyed by twelve giveth the minutes to be added to thoſe houres, and ſo is had the time of the Moones ſhining, after Sun-ſet, or before his riſing; and by this rule is that little Table made.

The use of the Table following for finding the houre of the day.

Take any Staffe or Rod that is straight, of any length whatsoever you please or happen to have ready at hand, divide the same into ten equall parts, and them ten or one of them at the least divide into four parts or quarters, and it is ready for your use the Sun shining.

When you would know the houre of the day, set this divided staffe very upright in some plain levell place of ground, where the Sun shineth, and marke the very end of the shaddow of the staff upon the ground, then measure the length of the shaddow by the staff, and note how many parts the length of the shaddow containeth. This number of parts, seek out in this table against the day of the moneth you are in, and in the same collumne over head is the houre of the day: But if you cannot finde the parts of the shaddow, then take the neareſt thereunto; and if you have not the just day of the Moneth, then take the neareſt thereunto, for the difference in either will produce no senceable errour, or if you will and can, you may make proportion according to the Rule.

For example, upon the twentieth of *February*, or first of *October*, I erected my staff and found the length of the shaddow to be 48. parts, next I seek in the Table right against the twentieth of *February* for 48. and in the head of the Table right over it is eight and foure, therefore it is either eight in the morning, or foure afternoone, but which it is I think the weakeſt capacity knoweth.

A Table

A Table shewing the true hour of the day, by the helpe of a plain straight staff or stick, divided into ten equall parts.

Before Noone.			11	10	9	8	7	6	5
After Noone.		12	1	2	3	4	5	6	7
June 10.	10. *June*	5	6	7	10	13	19	30	57
30.	23.	5	6	7	10	15	19	31	59
20.	4. *July*	6	6	8	11	14	20	32	64
May 10.	13.	6	7	8	11	15	22	35	80
30	24.	7	7	9	12	16	24	40	109
20.	3. *August*	7	8	9	13	17	26	48	194
April 10.	13.	18	9	11	14	19	30	66	
30.	24.	10	10	12	16	23	37	92	
20.	3. *Sept.*	11	12	14	18	27	47	187	
Marc. 10.	13.	13	14	16	21	31	63		
28.	23.	15	16	19	25	39	99		
20.	1. *Octob.*	17	18	21	29	48	173		
Feb. 10.	11.	20	21	25	36	66	202		
30.	23.	24	25	31	47	107			
20.	1. *Nove.*	28	30	37	59	296			
Jan. 10.	11.	32	35	44	77	232			
30.	23.	37	40	52	100				
20.	3. *Dece.*	40	43	58	122				
Dece. 10.	10.	41	44	60	131				

A Table of the hour and minute of the seven Stars comming to the South every first day of the moneth this year 1654.

Dayes	Janu.		Febr.		March		April		May		June	
	H	M	H	M	H	M	H	M	H	M	H	M
1	7	A 56	5	A 49	3	A 57	2	A 5	0	A 12	10	B 6
5	7	24	5	31	3	43	1	50	11	B 56	9	50
10	7	16	5	12	3	25	1	32	11	B 36	9	30
15	6	56	4	53	3	7	1	13	11	16	9	9
20	6	35	4	36	2	48	0	54	10	56	8	49
25	6	14	4	17	2	30	0	35	10	36	8	29
30	5	57			2	12	0	16	10	16	8	9

Dayes	July		Augu.		Septe.		Octo.		Nov.		Dece.	
	H	M	H	M	H	M	H	M	H	M	H	M
1	8	B 3	6	B 1	4	B 7	2	B 18	0	B 18	10	A 10
5	7	47	5	46	3	53	2	30	0	1	9	45
10	7	28	5	28	3	36	1	44	11	A 40	9	27
15	7	8	5	9	3	17	1	25	11	A 15	9	8
20	6	51	4	56	3	0	1	5	10	53	8	45
25	6	34	4	34	2	41	0	46	10	32	8	22
30	6	15	4	15	2	23	0	26	10	11	8	2

The use of this Table is thus, Look the moneth on the head of the Table, and the day of the moneth on the left hand thereof, and then in the common angle of meeting, you have the time of the seven stars Southing. Note that A. stands for afternoone, and B. for beforenoone, and what letter is placed between the figures against the first day of the moneth, serveth for all that moneth, untill the letter doth change as it doth in *May* and *November*.

A Table

A Table of fixed Stars, shewing the time of their coming South after or before the seven stars, with their declination.

Names of the Stars.	Time of their Sout. H.	M.		Their Declin. D.	M.	
Buls Eye	0	49	aft.	15	45	N
The Goate	1	24	aft.	45	34	N
Orions right shoud.	2	9	aft.	7	17	N
The great Dog	3	3	aft.	16	13	S.
The little Dog	3	54	aft.	6	7	S.
North Asselli	4	55	aft.	22	24	N
South Asselli	4	57	aft.	19	26	N
Hidras Heart	5	54	aft.	7	8	S.
Lyons Heart	6	23	aft.	13	41	N
Lyons Tayle	8	5	aft.	16	34	N
Virgins Spike	9	40	aft.	9	16	S.
Arcturus	10	33	aft.	21	6	N
South Ballance	11	5	aft.	14	30	S.
Lucidæ Corona	11	53	aft.	27	57	N
Scorpions Heart	11	19	bef.	25	35	S.
Hercules Head	10	21	bef.	14	51	N
Hercules left shoulder	10	28	bef.	25	18	N
Uulters Tayle	8	10	bef.	13	24	N
The Eagle	7	52	bef.	7	58	N
The Harp	9	1	bef.	38	29	N
Swans Tayle	6	57	bef.	27	15	N
Pegasus Mouth	6	00	bef.	8	17	N
Pegasus shoulder	4	51	bef.	9	0	N
Formahant	4	49	bef.	31	25	S.
Whales south Tayle	3	1	bef.	19	59	S.
Andromedas Head	3	37	bef.	27	9	N
Lucida in cap. Ariet	1	39	bef.	21	47	N
Scheat	4	40	bef.	26	10	N

The use of this last Table

The use of this Table is easie enough, for in the first Collumne is the names of the Stars, in the second is the houres and minutes, that they come to the south point either after or before the seven Stars as the tables after and before doe signifie, and the third Collumne giveth their declination in degrees and minutes, North and South. as the letters N, and S. doth signifie, and so you shall see the little Dog commeth south three houres 54. minutes after the seven Stars, and his declination is six degrees seven minutes south.

The use of these two Tables joyntly for finding the houre of the night is thus briefly by Example.

The tenth day of *January* I observed the little Dog upon the Meridean (or south point) and would thereby know the houre of the night, I finde by this last Table that he commeth to the south three houres 54. minutes after the seven Stars, which I note, then I look in the former table for the seven stars comming to the south that tenth day of *January*, and there I finde they come to south that day at seven a clock and sixteene minutes: Now because the little Dog commeth south three houres 54. minutes after the seven stars, I therefore must adde thie three houres 54. minutes to that seven houres sixteene minutes, and they make eleven houres ten minutes, therefore the houre of the night is ten minutes past eleven a clock.

Againe, the first day *December* I saw the *Andromedas* Head upon the south point, I presently looked in this last Table and found he comes south three houres 37. minutes before the seven stars, which I noted, then I looked

looked in the former Table for the ſeven ſtarres coming ſouth the ſaid firſt of *December*, and there I finde they come ſouth that day at ten a clock and ten minutes afternoone: Now becauſe *Andromedas* Head commeth ſouth before the ſeven ſtarres, therefore I ſubſtract the three houres thirty ſeven minutes before noted from this ten houres ten minutes, and there reſteth ſix houres thirty three minutes, and therefore I concluded that it was ſix a clock and thirty three minutes paſt that time of obſervation, and the like by any other ſtar.

By obſerving theſe Tables and Rules you may come to know the ſtarres, and knowing the ſtarres, you may know the houre of the night, for the one being knowne the other will be eaſily attained.

Concerning the common Catalogue of Faires I am about to correct the many errors that are therein commited: By the aſſiſtance of two Gentlemen, who have occaſion this Summer and the next to travell moſt parts of the Commonwealth, and have granted me ſo much favour as to enquire in all Townes where they come, what Faires are there kept and when, and to give me account thereof; and when that is done I will ſet it out accordingly to the uſe of both Writer and Reader, ſomething is already done in it, more will be as time giveth leave.

I have now filled up my allowance of Paper, and commit what I have written to the view of all, ſuch as like it may make uſe of it, and them as like it not may let it alone, that's all the care I take: For my part I ſet downe my reſt with that *Deſichon* of *Mimnermus* uſed by our learned Antiquary, Maſter *Camden* for the Concluſion of that his great Volumne.

Heart

Heart take thine eaſe
Men hard to pleaſe,
Thou haply mayeſt offend
Though one like ill
Of thee, ſome will
Like better, there's an end.

June the 21.
1653. *Seth Partridge.*

FINIS.